

Rabbit LIMK1 Polyclonal Antibody | anti-LIMK1 antibody

LIMK1 (Phospho-Thr508) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305084	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

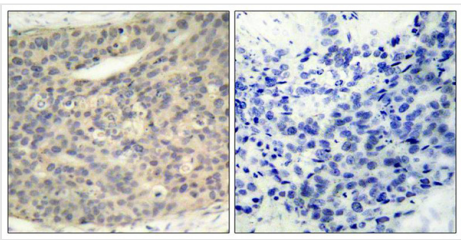
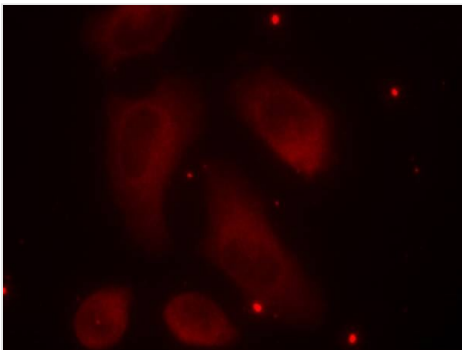
PRODUCT SYNONYMS

LIMK1; Polyclonal Antibody; LIMK1 (Phospho-Thr508) Antibody; LIMK-1; kinase LIMK1; anti-LIMK1 antibody

PRODUCT SPECIFICATIONS

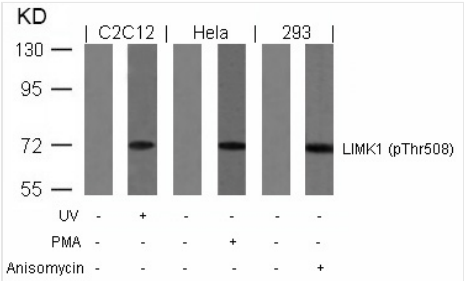
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of LIMK1 only when phosphorylated at threonine 508.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	613
Applicable Applications for anti-LIMK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 508 (R-Y-T(p)-V-V) derived from Human LIMK1.
Modification	Phospho-Thr508
Target Name	LIMK1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using LIMK1(Phospho-Thr508) Antibody (left) or the same antibody preincubated with blocking peptide(right).

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using LIMK1(Phospho-Thr508) Antibody.



WB (Western Blot)
Western blot analysis of extracts from UV-treated C2C12, PMA-treated HeLa and anisomycin-treated 293 cells using LIMK1(Phospho-Thr508) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LIMK1 antibody	Protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. Isoform 3 has a dominant negative effect on actin cytoskeletal changes. May be involved in brain development.
Product Categories/Family for anti-LIMK1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	324715046
NCBI GeneID	3984
NCBI Accession #	NP_001191355.1
NCBI GenBank Nucleotide #	NM_001204426.1
UniProt Accession #	P53667; O15283; Q15820; Q15821; Q75MU3; Q9Y5Q1; B7Z6I8; D3DXF4; D3DXF5
Molecular Weight	68,729 Da
NCBI Official Full Name	LIM domain kinase 1 isoform 2
NCBI Official Synonym Full Names	LIM domain kinase 1
NCBI Official Symbol	LIMK1
NCBI Official Synonym Symbols	LIMK; LIMK-1
NCBI Protein Information	LIM domain kinase 1
UniProt Protein Name	LIM domain kinase 1

UniProt Gene Name	LIMK1
UniProt Synonym Gene Names	LIMK; LIMK-1
UniProt Entry Name	LIMK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/limk1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305084>